

August 6, 1999

CHINA (flood)

The International Federation of the Red Cross (IFRC) reported the number of people affected and displaced by flooding along the Yangtze this summer as:

	AFFECTED	DISPLACED
ZHEJIANG	6,530,000.00	1,082,125.00
ANHUI	14,047,000.00	251,808.00
JIANGXI	5,970,200.00	111,900.00
JIANGSU	5,190,000.00	158,000.00
HUNAN	10,805,200.00	45,000.00
HUBEI	16,410,000.00	140,000.00
TOTAL	58,952,400.00	1,788,833.00

CHINA (flood)

The GOC reported that 725 people have died throughout the country since June as a result of flooding.

FIRE

Fires and hotspots noted in South America and the Northwest Territories. Images available at:
<http://www.osei.noaa.gov>

INDONESIA (fire)

Reuters reported that 236 fires have been noted throughout Sumatra.

IRAN (flooding)

OCHA reported that flooding in the Mazandaran province on July 25 and 26 resulted in 37 dead, 14 missing, and 100 injured people. 105 villages and 3 cities were affected. 300 wells were damaged. Transportation and other infrastructure was also damaged.

KENYA (drought)

Dry conditions in early 1999, but particularly during March, have reportedly reduced Kenya's tea production in comparison with last year.

KOREA (flooding)

Several days worth of rain have affected both North and South Korea. In South Korea 30 deaths have been reported while 22 are still missing. The flooding in South Korea has displaced some 17,000 people. The North Korean Central News Agency reported that heavy rains and wind had affected 100,000 acres of farmland. Reuters reported that about 74,000 acres of farmland had been inundated while 552,000 poultry, 451 cattle and 8,727 hogs were destroyed. 42 people have died as a result of flooding in North Korea.

PHILIPPINES (flooding)

Monsoon rains have resulting in flooding and landslides throughout the country. Flood waters breached the La Mesa dam in Quezon City and inundated the Marikina Valley and adjacent low areas. The most affected provinces are reportedly Bulacan, Pangasinan, Pampanga, and Rizal. 59 people have died as a result of the flooding. 264 houses have been destroyed while 2,114 have been damaged. Damages are estimated at \$2 million USD.

SUDAN (flood)

Five people have died and thousands were reportedly displaced following flooding around the city of Omdurman. It has also been reported that thirty-three schools were destroyed or severely damaged. The rainy season began a month earlier in mid-June this year over northern Sudan.

THAILAND (flooding)

Flooding in Thailand has reportedly left 6 people dead while displacing 32,000 families. 40,000 acres of fruit orchards have been severely damaged.

UGANDA (drought)

The IRIN reported that humanitarian groups noted 250,000 were currently adversely affected by the drought in the northern Karamoja district. Drought affected populations are reportedly wandering to Moroto in search of work.

UNITED STATES (heat wave)

The number of fatalities resulting from the heat wave that affected the central and eastern parts of the U.S. since July 19th is now believed to be 225. The AP reported the heat-related deaths by state as: Illinois, 99; Missouri, 44; Wisconsin, 13; Ohio, 14; South Carolina, 9; Oklahoma, 8; Kentucky, 5; Indiana, 7; Tennessee, 3; North Carolina, 3; Kansas, 3; Georgia, 3; Arkansas, 2; Maryland, 2; Nebraska, 2; New York, 2; Pennsylvania, 2; Louisiana, 1; Michigan, 1; Minnesota, 1; Alabama, 1.

UNITED STATES (flooding)

Two weeks of heavy rain have triggered mudslides throughout Colorado thereby damaging \$1 million USD worth of roads.

UNITED STATES (drought)

The Clinton Administration declared 88 counties of six states (Kentucky, Maryland, Ohio, Pennsylvania, Virginia and West Virginia) agricultural drought disaster areas. Monetary losses to farmers in just West Virginia are expected to exceed \$80 million USD.

UNITED STATES (drought)(New Jersey)

The governor of New Jersey declared a drought emergency.

VIETNAM (flooding)

OCHA reported that 35 people have died or are still missing following flooding. 24,000 hectares of farmland has been inundated and some 8,500 houses damaged and destroyed. The most affected provinces are reportedly Binh Thuan, Lam Dong, Dac Lac and Dong Nai.

August 13, 1999

CAMBODIA (flood)

Reuters reported that flooding in the southern part of the country last week resulted in four deaths while temporarily displacing thousands. Some damage to bridges and roads also occurred. OCHA reported that the same floods affecting the Sihanoukville, Koh Kong and Kam Pot provinces resulted in four deaths, made homeless 8,000 people, and destroyed 200 meters of railroad. Flooding of rice paddies also occurred. The IFRC reported seven dead and warned that nearly half a million people could be affected by continued flooding.

CHAD (flood)

Flooding in parts of southern Chad has affected 128,506 people while destroying 5,226 homes. 1,257 head of cattle also drowned, and 165,144 hectares of land have been flooded. The most affected area is reportedly the town of Ati.

DJIBOUTI (drought)

OCHA reported 100,000 people in the districts of Ali-Sabieh, Dikhil, Tadjourah, Obock, and the Djibouti periphery are currently affected by drought.

PHILIPPINES (flood)

OCHA updated estimates for the recent flood and landslide related damages in the Philippines. It is now reported that 130 were killed while 32 were injured. 798 houses destroyed while 10,964 damaged. Monetary damages estimated at \$18 million USD.

PHILIPPINES (El Nino/La Nina)

The GOP reported that agricultural output decreased in 1998 as a result of El Nino and La Nina.

UGANDA (drought)

Reuters quoted the Uganda Coffee Development Authority (UCDA) for noting that drought in coffee growing regions of Uganda had resulted in a 16 percent decrease in July exports from last year during the same month. However, coffee exports for the first 10 months of the season are reportedly up 3.1 percent. Last season El Nino related rains damaged the crop while also damaging access and transport roads.

UNITED STATES (tornado)

A F2 tornado struck Salt Lake City last night. One person was killed while at least another 100 were injured. 121 homes were reportedly damaged. Early estimates place the damage at \$150 million USD.

August 27, 1999

BOLIVIA (fire)

According to OCHA Bolivia launched an appeal for international assistance to cope with current fires. The impact on government declared emergency zones was reported as follows:

Ascensión de Guarayos

- 510 houses burned/destroyed
- 502 urban families affected (rural census still ongoing)
- 2,417 persons affected (1315 adults/1102 children)
- 24 communities affected (influence area 60 kms²)

San Ignacio de Moxos

- 40 houses burned/destroyed
- 40 families affected
- 220 persons affected (80 adults/120 children)

Canandoa

- 50 houses burned/destroyed
- 60 families affected
- 300 persons affected

CHAD (flooding)

OCHA noted that heavy rains since mid-July have resulted in flooding in 11 of the country's 14 provinces. The GOC Ministry of Interior estimated at least 128,000 people affected, 5,200 houses destroyed, 165,000 hectares of agricultural area inundated, and 5,000 head of cattle destroyed.

FIRE

Fire and hotspots noted in South America, California, and Nevada. Images available at:
<http://www.osei.noaa.gov>

SAHEL (storm)

Reuters reported heavy rains throughout West Africa. In Gambia 53 fishermen were reported missing, and it was estimated that 800 homes were destroyed. Senegal reported 165 fishermen missing. In Niger flash floods reportedly killed three while displacing 2,000 people. The IRIN noted that flooding in Gambia could possibly have displaced 10,000. The most affected regions are Central River, Upper River and Western administrative divisions

SUDAN (flooding)

OCHA reported that localized flash floods have affected the states of North, River Nile, Khartoum, Kassala, North Kordofan and Unity. Fourteen deaths have been recorded while some 10,000 people have been affected. Nearly 650 families have been displaced.

UNITED STATES (hurricane Bret)(Texas)

Reuters reported that the Southwest Insurance Information Service estimated between \$50-70 million in insured damages resulted from hurricane Bret. This does not include flood-related losses.

UNITED STATES (flooding)(New York City)

Heavy rains on Thursday resulted in significant commuting delays. It was reported that six subway lines were temporarily halted while another six experienced limited service.

August 31, 1999

BANGLADESH (flood)

According to Reuters heavy rains and associated flooding in northern and central Bangladesh affected 50,000 families. 10 deaths were reported.

MAURITIUS (drought)

Reuters reported that drought affecting Mauritius is expected to reduce revenues from sugar exports by \$158 million USD.

SOUTH AFRICA (storm)

Strong winds affecting the Cape Town area reportedly caused 4 deaths and left 5,000 homeless.

UNITED STATES (hurricane)(Dennis)

As a result of trees downed by wind caused by hurricane Dennis, 56,000 people were temporarily without power.

UNITED STATES (drought)

The USDA reported that the drought affecting much of the eastern United States could cost farmers as much as \$1.1 billion (USD) in lost income.

September 03, 1999

BANGLADESH (flood)

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BRAZIL (fire)

Two months of below normal rainfall has helped cause forest fires throughout western Brazil. Government officials said that the fires had effected some electric wires, and Ibama noted that last month 31,000 fires were reported in 15 states.

CAMEROON (flood)

Unusually heavy rains in the northern part of the country reportedly killed nine people while leaving another ten missing.

ETHIOPIA (drought)

The BBC reported that drought has severely affected Ethiopia's crops.

FIRE

Fires and hotspots noted in California and South America. Images available at:

<http://www.osei.noaa.gov>

MAURITIUS (drought)

Reuters reported that drought affecting Mauritius is expected to reduce revenues from sugar exports by \$158 million USD.

MOROCCO (drought)

The US has pledged 100,000 tonnes of wheat to Morocco to help it with a grain shortfall caused by drought.

NEPAL (flood, landslides)

It was reported that floods and landslides since June have caused 126 deaths in Nepal. 44 people are missing while another 66 were reportedly injured. About \$2 million USD worth of property has been destroyed this summer.

SOUTH AFRICA (storm)

Strong winds affecting the Cape Town area reportedly caused 4 deaths and left 5,000 homeless.

VENEZUELA (flood)

The IFRC reported that heavy rains caused flooding in 13 counties. Five people have reportedly died while the floods affected another 51,000.

UNITED STATES (hurricane)(Dennis)

As a result of trees downed by winds caused by hurricane Dennis, 56,000 people were temporarily without power. As a tropical storm, Dennis has flooded many barrier islands and stranded several thousand.

UNITED STATES (drought)

The USDA reported that the drought affecting much of the eastern United States could cost farmers as much as \$1.1 billion (USD) in lost income.

September 10, 1999

BULGARIA (flood)

Heavy rains in eastern Bulgaria left 3 dead and 11 villages without electricity. Several bridges were also destroyed or severely damaged.

CHILE (rain, snow)

Reuters reported that heavy rain and with some snow has prompted the National Weather Office of Chile to declare an end to the drought affecting the country since 1998. As a result of heavy rains three people have died and four are missing.

CHINA (tropical storm Wendy)

Reuters and the AP reported that Tropical Storm Wendy has affected the Zhejiang province since Saturday. 133 people were reportedly killed, 59 missing, 2,600 injured, and 528,000 affected. 38,000 head of livestock were also destroyed. 2,000 houses have been destroyed with another 8,000 damaged. Total economic damage is estimated at \$277.9 million USD. The city of Wenzhou has reportedly been the most severely affected.

MEXICO (hurricane Greg)

Hurricane Greg, affecting the Pacific coast of Mexico, has left nine people dead. 1,000 were evacuated from, and several thousand were reportedly stranded in, the Colima, Michoacan and Jalisco states.

UNITED STATES (mosquitoes)

Mosquito eggs, laid earlier in the summer while drought affected the eastern United States, hatched following storms. In New York three people have died from encephalitis -- a disease spread by mosquitoes.

September 17, 1999

BRAZIL (fire)

Hotspots and fires noted in Brazil. Images available at: <http://www.osei.noaa.gov>

CHINA (typhoon York)(Hong Kong)

Reuters reported that typhoon York, affecting Hong Kong on Thursday, left one person dead, one missing, and 493 injured. Nearby rural areas were also hit by the typhoon. 200 flights into and out of Hong Kong were affected.

EL SALVADOR (flood)

Flooding along the Lempa River has reportedly affected five provinces while inundating 5,000 homes.

HURRICANE FLOYD

Bahamas- The AP noted that one person from the Grand Bahama was killed following hurricane Floyd. Several people were also injured on Providence Island. Structural damage had yet to be assessed as communications were severely affected, however it was believed that significant damage occurred on the eastern islands of San Salvador, Eleuthera, Abaco, Cat Island, Rum Cay, Man-O-War Cay, Green Turtle Cay, and Elbow Cay.

US- Various media sources have reported between 2 and 3 million people were evacuated up and down the east coast. There have been reports of between four and sixteen deaths; school cancelled in Washington, Baltimore, all of New Jersey, Philadelphia and New York City; Delta and United Airlines flights severely disrupted; the New York Board of Trade closed the CSCE and NYCE markets; roughly 1.4 million people were temporarily without power along the east coast from South Carolina to New Jersey; flooding and polluted runoff.

INDIA (flood)

Reuters reported that the Indian Election Commission was considering postponing elections in parts of Bihar due to flooding.

NIGER (flood)

Flooding has reportedly left seven people dead and displaced 22,000. Reuters reported that some 53,370 acres of farmland and 2,000 homes had been destroyed by heavy rains. There have also been unconfirmed reports of heavy rain and localized flooding in Burkina Faso as well as parts of northern Ghana.

SUDAN (flood)

Reuters reported that the flash floods affecting Dongola on Sunday have displaced some 50,000 people and noted the Al Sahafa daily reported 8,115 houses, 320 shops, 32 food stores, 23 public corporations, 163 government houses, six mosques and 22 schools and nurseries destroyed. The AFP noted that several hundred head of livestock had drowned.

September 24, 1999

BERMUDA (hurricane Gert)

Hurricane Gert reportedly left 11,000 people temporarily without power. Some damage to homes and beaches. No injuries or deaths were reported.

CENTRAL AMERICA (flooding)

Reuters reported that storm related flooding in southern Mexico, Honduras and El Salvador has resulted in 14 deaths. In Mexico 25,000 people were reportedly evacuated. In El Salvador 2,000 were evacuated. Guatemala and Nicaragua also reported storm related flooding.

FIRE

Fires and hotspots noted in South America. Images available at: <http://www.osei.noaa.gov>

HONDURAS (flood)

OCHA reported that flooding in Honduras left 2,179 persons affected, 4 dead, 1 injured, 1,349 persons evacuated to temporary shelters as well as 367 houses, 2 schools, 10 temporary emergency bridges (Bailey

type) either damaged or destroyed. 730 ha of banana and 170 ha of sugar cane were also damaged.

JAPAN (typhoon Bart)

Rains associated with typhoon Bart resulted in two deaths on Wednesday in Okinawa.

MAURITANIA, NIGER (storms and flooding)

According to Reuters Mauritania and Niger were affected by storms and flooding this past weekend and on Monday appealed for international assistance. Seven deaths were reported. In Mauritania 600 families were reportedly displaced to shelters. Niger appealed for \$119 million in aid to repair flood damaged infrastructure.

SOMALIA (drought)

The BBC reported that drought affecting the northeastern region of Somalia has worsened the food situation. The BBC also noted that water shortages were occurring in some villages around the towns of Alula and Bargal.

UNITED STATES (storm)

Various media reports noted a storm in Arizona destroyed 50 homes while damaging another 150. 9,000 homes and businesses in the Phoenix area were temporarily without electricity.

UNITED STATES (hurricane Floyd)

The reported deaths caused by hurricane Floyd have risen to 48. Various media noted that agricultural losses in just North Carolina are expected to exceed \$1 billion USD. In that state one million chickens and 100,000 hogs are believed dead from flooding caused by Floyd.

October 01, 1999

CHINA (tropical storm Cam)

On Sunday tropical storm Cam affected Hong Kong. 23 people were injured and 57 flights were affected.

CENTRAL AMERICA (floods, rain)

Heavy rains for the past several weeks have resulted in flooding in parts of Central America. OCHA situation reports have noted that in Nicaragua 5 people have died and 100,000 been affected by flooding. 1,563 people were also evacuated. 112 houses as well as 34 roads were damaged. OCHA also reported that in Honduras 6,500 people have been evacuated. 85 homes were destroyed while another 652 were damaged. In addition 10 bridges were destroyed and other 6 damaged. 3,000 people in El Salvador have been evacuated and in Costa Rica 1,500 were evacuated. It was also reported that in Costa Rica flooding damaged 12 bridges, 6 aqueducts, 8 sewage systems, 66 houses and a school. Media sources reported a total of 29 flood-related deaths in the region.

FIRE

Fires and hotspots were noted in northern and western California. Images available at:
<http://www.osei.noaa.gov>

JAPAN (typhoon Bart)

It is now reported that 25 deaths and 300 injuries resulted when typhoon Bart caused flash floods and spawned a tornado last Friday.

NIGERIA

The BBC noted that floods have inundated 200 villages around the Kaduna and Niger rivers in central Nigeria. 39 people had reportedly died. The flooding resulted in part when the sluice gates of the Kaniji, Jebba and Shiroro dams were opened after heavy rains threatened to burst the dams.

October 08, 1999

COLOMBIA (flood, landslide)

According to media reports, three days of heavy rain resulted in flooding and landslides in parts of Colombia. The worst affected area was reportedly in Florencia where two rivers burst their banks and flooded a poor district. Fifteen deaths and twelve missing persons were reported as well as 40 injured people. 600 homes were also believed to be severely damaged or destroyed. In Puerto Lopez a landslide reportedly caused two deaths.

INDIA (flood)

Flooding in the Indian state of West Bengal has affected voting. Early in the week 1,500 polling stations (out of 62,000) were moved to avoid flood problems. It was reported, however, that floods still affected 372 polling stations in the state (235 in Hooghly, 100 in Malda, 33 in Nadia, 4 in Murshidabad).

IRAN (flood)

Reuters reported on Sept. 28 that flooding in the Hashtijan region of the Ardebil province resulted in one fatality. Property damage was unknown.

MEXICO (flood, landslides)

Flooding and landslides have reportedly affected nine of the country's Gulf coast and southern states. According to various media sources, there have been 218 confirmed deaths. 166 of these were in the state of Puebla. 100,000 people were reportedly evacuated from flooding regions in the state of Tabasco.

NIGERIA (flood)

Heavy rains pressured the Kainji, Jebba and Shiroro dams to open their sluice gates once more, thereby causing flooding in parts of northern Nigeria along the Niger and Kaduna rivers. According to Reuters unconfirmed, local reports quoted as many as 300 may be dead. The AP reported 400 villages submerged and possibly 300,000 people displaced by the flooding.

PHILIPPINES (typhoon Dan)

The AP reported that typhoon Dan left seven people dead while flooding roughly 2,600 houses along the Agno River. It was also reported that the Philippine Department of Agriculture noted \$1.8 million USD worth of damage to crops.

TAIWAN (typhoon Dan)

Rains associated with typhoon Dan reportedly hampered efforts to restore electricity knocked out by an earlier earthquake. Persons left homeless from the quake sheltered in schools as typhoon Dan affected the island.

YEMEN (flood)

According to Reuters the local al-Thawra newspaper reported that recent rains were the heaviest in the Lahj governorate since 1982. The rainfall caused flooding in Lahj which resulted in two deaths and reported damage to crops and livestock.

October 15, 1999

CHINA (typhoon Dan)

Typhoon Dan caused damage along the Fujian coast of China. 30 deaths were reported as well as another 500 injured persons. The cities of Quanzhou, Xiamen, and Zhangzhou were believed to be the worst affected. Reuters reported that in Xiamen 17,000 trees were knocked over. Economic damages are estimated at \$241.6 million USD.

CUBA (hurricane Irene)

Media sources reported that some 100,000 people were evacuated from low, flood-prone areas as hurricane

Irene approached. The storm also reportedly caused several buildings in Havana to collapse and resulted in power outages. Between one to four deaths, as well as one missing person, were reported.

ETHIOPIA (flood)

According to the IRIN, floods destroyed 9,500 hectares of farmland. The Afar region of northeastern Ethiopia was reported as particularly affected.

INDIA (flood)

OCHA reported that flooding related to the monsoon this year has caused significant flooding in parts of India. In particular Bihar, West Bengal, Uttar Pradesh, Madhya Pradesh, and Delhi. In Bihar flooding has reportedly caused 229 deaths and affected 12 million people. Flooding in Uttar Pradesh has left 12,850 villages "marooned" while affecting 10 million people. 500,000 people in Uttar Pradesh were evacuated (70,000 to relief areas in Gorakhpur). In West Bengal flooding in the Malda district is affecting 120,000 people, and in Delhi flooding affecting 11 villages has resulted in \$1.9-2.4 million USD worth of damage to property and crops.

MEXICO (flood, landslides)

Flooding in nine of Mexico's southern states has left 342 confirmed dead. According to the AP local media are stating upwards of 600 were killed by flooding and associated landslides. Several small protests criticizing the preparedness and response efforts to the recent disaster were reported.

NIGERIA (flooding)

The BBC reported that the governor of Niger State, Abdulkhadir Kure, stated the recent floods left 80,000 people in need of food and shelter. The flooding occurred when heavy rains forced the Jabba and Kainji dams along the Niger River to open flood gates in order to prevent damage to the dams. The AP reported the worst hit areas as the towns of Pategi, Lafiaji, Tsaragi, Tsonga and Bacit. The IRIN noted that communities in northwest Nigeria were suing the National Electric Power Authority (NEPA) for nearly \$16 million USD for having opened the gates of the two dams.

YEMEN (drought)

According the BBC heavy rains last week ended a drought on the Yemen island of Socotra. The drought had reportedly caused the death of many cattle.

October 22, 1999

ETHIOPIA (drought)

According to the AP, the Government of Ethiopia stated 7 million drought-affected people could be faced with food situations.

FIRE Fires and hotspots were visible in South America. Images available at:

<http://www.osei.noaa.gov>

INDIA (cyclone)

A cyclone, affecting the states of Orissa, West Bengal, and Andhra Pradesh on Monday, has according to media sources left between 60 and 84 people dead. Rice paddies were also reportedly inundated, but damages were not yet assessed. OCHA reported 61 fatalities, 100 persons injured, 15,000 houses damaged, and 60 villages severely affected.

MEXICO (floods, landslides)

The Government of Mexico reported that in the states of Puebla, Tabasco, Hidalgo, and Veracruz there are 360 confirmed deaths and an estimated 315,000 people made homeless as a result of the recent flooding and associated landslides. Media and other sources estimated the number of deaths at 425.

TROPICAL STORM JOSE

Media reports noted that tropical storm Jose caused some damage to roads, buildings, utilities, and beaches in Antigua, Anguilla and the British Virgin Islands. In St. Kitts flooding was reported.

UNITED STATES (hurricane Irene)

The AP reported that agricultural losses in Miami-Dade County, caused by flooding associated with hurricane Irene, could reach as much as \$100 million dollars. Media have reported that between 5 and 15 deaths occurred in Florida and North Carolina as a result of hurricane Irene.

UNITED STATES (Vermont)(drought)

Dry conditions over Vermont this summer have reportedly decreased frogs in some areas by as much as 90 percent.

October 29, 2000

GHANA (flood)

Ghana appealed for international assistance for damage caused by flooding that occurred in late September. 280,000 people were reportedly displaced while the floods also killed 70. The most affected regions were reported as the Upper West, Upper East and Northern.

INDIA (cyclone)

A cyclone affecting the states of Orissa and West Bengal left 2 people dead and destroyed 2,000 homes according to the Hindustan Times. Other media reports noted that the government evacuated some 20,000 people ahead of the storm. About 200 fishermen were reported as still missing.

SOUTH AFRICA (flood)

The AP reported that rains and associated flooding killed three people and left hundreds homeless in the KwaZulu-Natal province.

THAILAND (flood)

According to the Bangkok Post, the Interior Ministry of Thailand reported floods had affected Prachuap Khiri Khan, Phetchaburi, Ratchaburi, Kanchanaburi, Lop Buri, Phitsanulok, Phichit, Nakhon Sawan, Satun and Phuket. Ten fatalities have been reported and an estimated 170,000 people affected.

TOGO (flood)

OCHA reported that flooding in Togo, primarily affecting the Savanes, Kara, Plateaux and Maritime regions, has affected some 65,000 people while destroying 100 bridges, impairing 800 km of road network, and destroying several hundred houses.

UNITED STATES (North Carolina)

The Census Bureau of the US government is taking special measures to ensure that flooding which displaced people in North Carolina will not interfere with the 2000 census.

VIETNAM (flood)

Reuters reported that heavy rains triggered flooding in the province Quang Binh. Nine fatalities resulted and many homes were damaged or destroyed. The Lao Dong reported that 34,427 houses collapsed and 12,000 acres of plantation had been damaged.

ZIMBABWE (flood)

The BBC reported that rising waters of Lake Kariba on the Zambezi River have caused food shortages for wildlife left on several islands within the lake. The Wildlife Society of Zimbabwe is reportedly ferrying food to the islands where waterbuck, impala, baboon, and hippo are the predominantly affected animals.

November 05, 1999

ETHIOPIA (flood)

Reuters reported that in late October, according to the Walta News Agency, flooding in eastern Ethiopia caused 34 deaths and made 79,000 people homeless.

INDIA (cyclone)

A cyclone affected the states of Orissa and West Bengal on Friday of last week. Media sources have reported that as many as 3,000 people died as a result of flooding associated with the storm., however official estimates of deaths in the state of Orissa put the death toll at 1,381. 751 of these deaths occurred in Orissa's Jagatsinghpur district. 15 million people in Orissa were believed to be affected, and it was estimated that 7.5 million were stranded by floodwaters. Many homes were believed destroyed and there were numerous reports of damage to roads, bridges, and utilities. Severe weather, which continued over the weekend after the storm, hampered immediate relief efforts. The Hindustan Times reported that food and water riots broke out in the state of Orissa earlier in the week as supplies became scarce.

MAURITIUS (drought)

The reportedly worst drought in 95 years has caused Central Water Authority of Mauritius to ration water. According to the AP, the capital will have access to water for six hours each day. The surrounding countryside will have access to water one hour each day.

VIETNAM (flood)

Reuters reported that flooding in seven provinces has resulted in 300 deaths. Initial estimates report property damage as \$11.5 million. Various media sources also noted damage to roads and bridges and mentioned concern surrounding the spread disease and diarrhea.

November 13, 1999

CENTRAL AFRICAN REPUBLIC (flood)

It was reported that, due to flooding, a vaccination campaign against polio in the Central African Republic could be delayed a couple weeks in two administrative districts.

CAMBODIA (flood)

According to OCHA rains in October and early November caused flooding in the provinces of Takeo, Kandal, Kampong Speu, Phnom Penh Municipality and Pursat. It was reported that 3,561 homes were damaged, 21,334 families affected, and 9,900 ha of paddy affected. The IFRC noted that road and communication had been disrupted.

COLOMBIA (tidal surge)

Reuters reported that a tidal surge, caused by a storm, destroyed 220 homes in a village in southern Colombia. The surge also resulted in three deaths.

FRANCE (storm)

Storms in southwestern France have resulted in 19 reported fatalities.

GREECE (flood)

The AP reported that heavy rains caused flooding in southern Greece that resulted in two fatalities. Many houses were also reported as damaged and several rivers were overflowing.

HONDURAS (rain)

Reuters reported that heavy rains have caused another 3,000 people to be evacuated.

INDIA (cyclone)

The AP reported that the cyclone, which primarily affected the state of Orissa, washed industrial chemicals into bathing ponds and, according to relief workers, thousands of people have suffered burns. The

chemicals, in addition to saline, have helped to preserve the bodies of the some 9,400 reported fatalities caused by the cyclone and associated flooding. 8,119 of the fatalities are have reportedly come from the Jagatsinghpur district. OCHA reported that the cyclone had severely affected 1,977 villages in 10 districts.

KENYA (hail)

Reuters reported that recent hail over parts the Kericho region has, along with poor weather throughout the year, had adverse effects on tea production.

NIGERIA (flood)

Wire services reported that flooding in Nigeria's southern oil region has left thousands homeless.

PHILIPPINES (tropical storm Frankie)

Tropical storm Frankie affected the Leyte and Samar provinces on Monday. No casualties were reported, however Reuters noted that rice paddies had been inundated.

TANZANIA (drought)

The AP quoted a government official as saying drought this year had killed the normal prey of lions and leopards. As a result the large cats have killed 21 people.

VIETNAM (flood)

According to OCHA, flooding associated with storm number 9 (Eve) caused rivers to overflow in the provinces of Quang Binh, Quang Tri, Thua Thien Hue, Da Nang, Quang Nam, Quang Ngai, Binh Dinh and Phu Yen. Thua Thien Hue is believed to be the worst affected. The flooding has reportedly caused 535 deaths, destroyed 8,346 houses, damaged 604,204 houses, damaged 63,726 ha of paddy, damaged 30,985 ha of other crops, damaged 267 km of road, and stranded some 11 villages.

November 19, 1999

ALBANIA (drought)

Drought in northern Albania has reportedly caused several brown and blackouts throughout the entire country, as hydropower along the Drin river is unable to meet energy demands.

BRAZIL (drought)

Reuters reported that Ipanema, a major coffee producer, expected coffee production in 2000/2001 to be reduced by 33 to 42 percent due to an ongoing drought.

FRANCE (flood)

Reuters noted that the recent storms in southwestern France resulted in 27 fatalities and five injured persons.

HURRICANE LENNY

News wires reported infrastructure damage throughout the Leeward Islands of the Caribbean. A total of 4 deaths were reported so far with another two people still missing. The HOVENSA refinery on St. Croix reported very minimal damage, and on St. Lucia, 40 houses were reported as destroyed.

INDIA (cyclone)

The Hindustan Times reported that flooding caused by the cyclone in India has left livestock experiencing food and water shortages. It also noted that losses of livestock and domestic animals included 8,238 buffaloes, 78,104 sheep, 78,728 goats, 10,381 calves, and nearly one million broiler chickens.

NEW ZEALAND (flood)

Reuters reported that up to 350 people were evacuated from the country's South Island after three days of heavy rain caused the Clutha River to swell.

RWANDA (drought)

OCHA noted that according to the Government of Rwanda, drought has affected 178,909 people in the following six prefectures: Umutara (40,816), Kibungo (16,327), Kigali rural (20,408), Gitarama (54,420), Butare (40,816) and Gikongoro (6,122).

UNITED STATES (fire)

Forest fires and hotspots were noted in the southeastern United States. Images available at: <http://www.osei.noaa.gov> Media sources noted that Governor Cecil Underwood of West Virginia requested the activation of up to 85 National Guard members to help fight forest fires throughout southern parts of the state.

UNITED STATES (hurricane Floyd)

The SHNS noted that, according to the North Carolina agriculture extension service, when hurricane Floyd struck North Carolina in September, 752,970 turkeys died.

VIETNAM (flood, disease)

Reuters reported that the Tuoi Tre newspaper stated areas hit by flooding two weeks ago were now experiencing disease "outbreaks" in five of the eight affected provinces. The Tuoi Tre reported 9,862 people with eye infections, 9,347 cases of diarrhea, 1,096 cases of dysentery, and 16,460 cases of the flu. As reported by USAID, the Government of Vietnam has reported the following losses associated with the flooding that occurred in the first half of November: 622 deaths, 70 missing persons, 470,493 households affected, 41,846 homes destroyed, 870,000 homes damaged, 94,000 classrooms destroyed, 510 clinics damaged, 66,308 hectares of rice fields and 30,700 hectares of other farmland inundated with water, 205,000 MT of food lost, 3,117 hectares of shrimp and fish farms destroyed, 1,470 bridges destroyed, and 25,000 cattle killed.

November 24, 1999

EUROPE (snow)

Heavy snow fell in parts of Europe on Tuesday. In Poland roads were blocked and electricity interrupted. The Ukraine also experienced electricity problems as a result of the snow. It was also reported that snow fell in parts of Spain. In France people were temporarily trapped on the A7 highway in the Rhone Valley.

ST. CROIX (hurricane Lenny)

Reuters reported that according to officials in St. Croix, hurricane Lenny caused \$31.5 million USD worth of damage. Roughly \$23 million of the cost was beach erosion.

December 21, 1999

DR CONGO (flood)

The BBC and Reuters reported that thousands of people are being evacuated ahead of flood-waters rising along the Congo River. It was also reported that water supplies to 50 percent of the population in Kinshasa have been reduced.

FIRE

Fires and hotspots were noted in Argentina and Paraguay. Fires were also noted in the US state of Louisiana. Images are available at: <http://www.osei.noaa.gov>

HURRICANE LENNY

In the latest SITREP, OCHA reported the following damages caused by hurricane Lenny, which affected the Caribbean in mid-November.

Antigua:

- damage to roads, bridges, and pipelines
- 20,000 people without potable water
- severe beach erosion

Barbuda:

- 65% of the island is under water
- roads damaged
- 95% of agriculture industry destroyed

St. Kitts:

- 216 families affected
- cost estimated at \$41 million USD

Anguilla:

- 30 families severely affected by flooding

UNITED STATES (flood)(Oregon)

News wires reported that the flooding and associated mudslides, which occurred along Oregon's coast just before the Thanksgiving weekend, closed several roads. It was also reported that the floods caused 300-thousand dollars worth of damage to roads in Tillamook County alone.

December 08, 1999

DR CONGO (flood)

The IRIN reported that the flooding around Kinshasa has displaced some 15,000 to 20,000 people.

THAILAND (flood)

According to the Bangkok Post, flash floods affecting the southern provinces of Yala, Pattani, Narathiwat, Songkhla and Chumphon have resulted in five deaths and affected thousands.

VIETNAM (flood)

OCHA reported that the December flash floods in the central provinces of Vietnam have caused 92 deaths, injured 59 people, left 12 people missing, destroyed 28,799 ha of rice paddy, and destroyed 397,232 houses. Media sources have reported between 105 and 120 deaths. Several wires have also noted several villages stranded by damaged roads. The recent event follows serious flooding which occurred in October and November of this year.

December 17, 1999

AUSTRALIA (cyclone John)

The category five cyclone John caused relatively minor damage to Australia's northwestern coast. Four hundred people were reportedly evacuated in advance of the storm, three iron ore mines temporarily suspended operations, and some 30 homes in Port Hedland, Roebourne and Wickham were reported to have experienced minor to severe roof damage. The Insurance Council of Australia estimated that the cost of the cyclone could reach \$189 million USD.

ISRAEL (flood)

Reuters reported that rains over Jerusalem caused flash flooding in parts of the city which in turn caused damage to historical sites and a tomb.

ITALY (flood)

Reuters reported that heavy rainfall caused rivers and streams to flood, thereby causing mudslides that resulted in four deaths. Cervinara was reported as the most severely affected town.

VENEZUELA (flood)

OCHA reported that heavy rainfall, flooding, and associated mudslides resulted in 50 deaths in northern Venezuela. Various reports have noted between 100,000 and 150,000 displaced persons. Media sources have noted between 100 and 140 reported deaths.

YEMEN (flood)

OCHA reported that flooding on the Socotra Archipelago of southern Yemen has destroyed some 400 homes and damaged the Hedaibo water supply project. Livestock was also reportedly lost. The flooding was reported as caused by periods of heavy rain occurring since Dec. 4.

December 22, 1999

BRAZIL (fire)

Hot spots and fires were noted in Brazil. Images are available at:
<http://www.osei.noaa.gov>

BURUNDI (drought)

The IRIN reported on Dec. 17 that the drought affecting the country during its September and October planting season badly affected the provinces of Kirundo, Gitega, Ruyigi, Cankuzo, Karuzi, Muyinga, Rutana and Makamba. As a result food prices have reportedly risen.

VENEZUELA (flood, mudslides)

Two weeks of rainfall prompted the Government of Venezuela to declare a State of Emergency on Dec. 16 after flooding and mudslides severely affected the states of Zulia, Falcon, Yaracuy, Nueva Esparta, Carabobo, Tachira, and Miranda, the department of Vargas, and the federal district of Caracas. Initial reports placed related fatalities in the hundreds, however after further assessment, estimates are now ranging in the thousands. Civil Defense Minister Salazar reported 16,000 deaths. Other media and relief-agency fatality estimates, however, have ranged from 10,000 to 30,000. The number of people affected by the mudslides and flooding is at 300,000, 150,000 evacuated, and 140,000 made homeless. Reuters reported 23,000 homes destroyed and severe damage to basic infrastructure such as roads, electricity and water. As reported by OCHA, insurance companies estimate the cost of the disaster at roughly \$2 billion USD. In addition the national federation of commerce (FEDECAMARAS) estimates that more than 200,000 jobs have been lost. The Port of La Guaira also sustained heavy damage due to the flooding and is currently closed. The international airport for Caracas was also closed as a result of the disaster.

January 07, 2000

BRAZIL (flood)

The AP reported that flooding and landslides associated with heavy rainfall since January 1 over southwestern Brazil has killed 13 people and displaced some 6,000 people in Rio de Janeiro state; killed 11 and displaced 30,000 in Minas Gerais state; and killed 4 while displacing 3,000 in San Pablo state. The Dutra highway was also reportedly blocked by several mudslides.

FRANCE (storm)

Following the storms that struck France last week with gale force winds, some 312,000 people are still without electricity.

INDIA (cold)

Media sources reported that a cold wave has killed some 200 people in northern and eastern India. The same cold wave has also affected Bangladesh and resulted in three deaths. In Bangladesh, fog associated with the event reportedly caused several schools to close, delayed some 12 international flights, and affected river and road transportation.

UNITED STATES (tornado)

A tornado struck Owensboro and other parts of western Kentucky leaving an estimated 50 homes destroyed and some 5,000 households with power.

VENEZUELA (flood)

Media sources and humanitarian agencies are reporting that the number of people killed by floods that occurred Dec. 15 -17 is estimated between 20,000 and 50,000. Between 400,000 and 600,000 are believed homeless. The IFRC reported that the Venezuelan Civil Defense's initial damage assessments includes at least 64,707 houses affected and over 23,200 destroyed.

January 13, 2000

ANGOLA (flood)

The IRIN and media sources reported that flooding along the Coporola river in the coastal province of Benguela has made some 5,000 - 8,000 people homeless while resulting in 11 to 14 deaths. Heavy weekend rainfall reportedly caused the floods. The flooding also affected 6,000 hectares and destroyed as much as 22,000 mt of corn. The IRIN reported that damage was estimated at 8 to 10 million USD.

CHINA (snow)

The AP reported that snow and frosts have affected the provinces of Guangdong and Liaoning. In mid-December frosts in Guangdong destroyed some 163,000 acres of fruit and vegetable crops. Recent heavy snows in Liaoning are expected to cause severe crop damage, but no actual estimates were reported.

January 21, 2000

CHINA (snowstorm)

OCHA and media sources reported that various snow storms, since October 1999 and on into the new year, have caused damage to the following provinces: Qinghai: 50,000 people affected, 1,000,000 livestock from 58 villages of 16 townships in the counties of Zhiduo, Qumalai, Chenduo, and Angqian affected; Inner Mongolia: 300,000 herdsman in 24 counties affected, 15,000 livestock killed, \$3.6 million in damages; Xingjiang: 100,000 livestock killed, infrastructure damage, \$36.3 million in damages.

EGYPT (wind)

The Suez Canal and five ports in the Mediterranean were closed after strong winds resulted in high waves.

IRAN (wind)

Strong winds over northern Iran reportedly resulted in three deaths and some 1,000 homes destroyed.

KENYA (drought)

OCHA reported that serious drought has affected the following 18 districts: Baringo, Garissa, Isiolo, Kajiado, Kitui, Machakos, Makueni, Mandera, Mbeere, Moyale, Mwingi, Samburu, Tana River, Tharaka, Turkana, Wajir, West Pokot. Some 1.8 million people are reportedly affected. In addition another 11 districts are reportedly affected by drought to some degree.

SOUTH AFRICA (flood)

The AP noted that several days of rainfall caused flooding in the eastern, northern, and southern regions of the country. In Northern Province, one death and one injury were reported.

January 28, 2000

ANGOLA (flood)

OCHA reported that media sources noted that rains caused flash flooding in the Benguela and Kwanza Norte provinces. No estimates on damage or persons affected was made available.

BULGARIA (cold, snow)

see Romania

CHINA (snowstorm)

The Xinhua reported that freezing temperatures have affected relief operations in provinces affected by earthquakes earlier this year. -- in particular the Mile and Qiubei counties of Yunnan province.

MOZAMBIQUE (flood)

OCHA reported that rains have caused flooding in southern Mozambique along the Incomati, Umbeluzi, and Limpopo rivers. The holding capacity of the Pequenos Libombos dam has reportedly been exceeded. Rising waters reportedly cut roads in Maputo.

ROMANIA (cold, snow)

Snow and cold temperatures have resulted in 14 deaths in isolated villages throughout Romania. Neighboring Bulgaria has also reportedly been affected by snow storms and freezing temperatures. A state of emergency was apparently declared in Bulgaria for Sofia and areas northeast of the city.

SOMALIA (drought)

The AFP reported that according to regional "governor" Aden Mohamed Nur Saransor, drought affecting the southern Bakol region has resulted in 21 deaths. According to Saransor the worst affected areas are Tiyaflow and Hudur districts.

UNITED STATES (snowstorm)

A snowstorm affecting the east coast shut down airports, closed the federal government, and left hundreds of thousands temporarily without power. Record snowfalls were reported in several areas, but the hard hit Carolinas reported 18.2 inches of snowfall at the Raleigh-Durham International Airport. Prior to this event the record snowfall in Raleigh-Durham was 17.8 inches which fell in March of 1927. Several deaths due to cold and traffic accidents were reported through out the east.

February 04, 2000

BOLIVIA (flood)

According to the AP, the Government of Bolivia reported that flash floods broke a crude oil pipeline, thereby spilling oil in the Desaguadero River that flows into Lake Poopo.

KENYA (drought)

Media sources reported that according to the WFP seasonal rains had not alleviated the current drought and that some 2.7 million people were in need of food aid.

MIDDLE EAST (snow storm)

A snowstorm affecting the Middle East has resulted in a total of nine fatalities from several countries including Israel, Iran, and Jordan. Many roads have reportedly been blocked or made impassible by the snow.

MOZAMBIQUE (flood)

As reported by PANA, flooding that began with the onset of the rainy season has affected 113,000 people in the Maputo and Gaza provinces. 18 fatalities have resulted.

PHILIPPINES (flood)

According to the Philippine Star, flash floods and landslides since last week have resulted in 20 fatalities and affected 35,000 families in the provinces of Agusan, Surigao, and Davao as well as the Compostela Valley.

REUNION (cyclone)

According to the AP, tropical cyclone Connie, affecting the island of Reunion over the weekend, resulted in 2 deaths while leaving at least 600 people homeless. One hundred homes were reportedly destroyed.

SERBIA (cold, snow)

Cold temperatures and blizzards have sharply increased energy demands throughout Serbia, which in turn have strained the energy infrastructure. Serbian officials enforced power outages, such as two-hour power cuts in Belgrade, in order to conserve energy.

February 11, 2000

HUNGARY (flood)

Media sources reported that flooding in Hungary has left some 325,000 hectares inundated. 103,000 of this is planted cropland.

MONGOLIA (snow and cold)

OCHA reported that snowstorms and cold weather affecting Mongolia in January resulted in livestock losses in the provinces of Bayanhongor, Dundgobi, Omnogobi, Huvsgul, Zavhan, Ovorhangai, Uvs, Dornogobi, and Gobi-Altai. A total of 140,337 cattle and 241,057 sheep or goats reportedly perished.

PHILIPPINES (flood)

Reuters reported that last week's flooding, which affected some 300 villages in the southern Philippines, has resulted in 23 fatalities and caused \$4.1 million in damage to crops. 50 houses were reportedly destroyed.

SOUTHERN AFRICA (flood)

Media sources as well as the IRIN reported that recent rainfall has caused flooding in South Africa and Mozambique. Between 35 and 38 deaths have been reported in South Africa with the Northern Province and the Mpumalanga province significantly affected. Damage to infrastructure in Mpumalanga is believed to be around \$39.4 million USD. In addition parts of the Kruger National Park have been flooded. Flooding in Mozambique has reportedly displaced some 100,000 people while damaging roads and bridges around Maputo. Mozambique Finance Minister Luisa Diogo reported \$15 million USD worth of damage to Maputo. Transport along main roads connecting Mozambique and South Africa has reportedly been disrupted, as well as roads between South Africa and Botswana. OCHA reported that several days of heavy rainfall over Botswana resulted in some 4,000 houses/huts being destroyed and affected 25,000 people. Media sources reported one death in Botswana related to the recent flooding as well as significant damage to roads and rail.

February 15, 2000

SOUTHERN AFRICA (flood)

Media sources reported that deaths related to the flooding in Mozambique, Botswana, South Africa, and Swaziland now total at least 74. More than a week's worth of heavy rainfall has damaged or destroyed bridges, roads, rails, water systems, and other infrastructure throughout the region.

UNITED STATES (tornado)

Tornadoes affecting Georgia early Monday have, according to media reports, resulted in between 18 and 22 fatalities while injuring another 100 people. Mitchell County was reportedly the worst affected area. In addition, strong winds and hail in Alabama left 22,000 people temporarily without power. In the Florida Panhandle one or more tornadoes reportedly destroyed four houses while damaging another 40, and in Arkansas two tornadoes reportedly damaged or destroyed a dozen buildings while injuring two people. Images of the frontal system are available at: <http://www.osei.noaa.gov>

February 23, 2000

AUSTRALIA (flood)

The Australian Broadcasting Corporation reported that flooding in Winton required the evacuation of 12 homes, two motels, and a caravan park. 11 people were reported to have been temporarily stranded by the floods.

BOTSWANA (flood)

Flooding caused by heavy rains earlier in February have, according to the FAO, resulted in 4,000 homes destroyed and 25,000 people affected.

MADAGASCAR (cyclone)

OCHA reported that tropical cyclone Eline (11s) caused 6 deaths, 1 injury, and affected 30 people in Marolambo, 150 people in Vatomandry, as well as 2,500 in Mahanoro. Several roads were also reportedly disconnected between "Vatomandry-Mahanoro, Antanabao-Mananpotsy-Ilaka-Vatomandry, and Marolambo-Mahanoro."

MOZAMBIQUE (flood)

Damage associated with flooding caused by weeks of heavy rainfall was further exacerbated as tropical cyclone Eline affected parts of Mozambique. According to Reuters, President Chissano appealed for international assistance for the estimated 800,000 persons affected by both the recent floods and cyclone. ACT equated the persons affected to 220,000 families. Various media sources have reported between 200,000 and 300,000 people made homeless by the two events. In addition reports have estimated between 48 and 150 fatalities. Together with the recent flooding, the cyclone is reported to have caused much damage to dwellings, roads, bridges, and other infrastructure. PANA noted that two of three major dams in the southern regions of the country had exceeded the maximum theoretical capacity. Flooding, damaged roads, and winds reportedly hampered and stalled current relief efforts in parts of the country. Images and .avi (movies) of the cyclone over Mozambique are available in today's daily report at:

<http://www.osei.noaa.gov>

ROMANIA (snow)

Media sources reported that melting snow is washing cyanide into wells other water supplies around Baia Mare. The cyanide was released after a containment reservoir spilled contaminated water on Jan. 30 into the Tisza and Danube.

March 03, 2000

AFGHANISTAN (drought)

OCHA reported that drought in southern Afghanistan has caused the water table of the Kandahar region to run low.

AUSTRALIA (tropical cyclone, flood)

Following flooding in northern Queensland last week, tropical cyclone Steve added to the damage this past weekend as it struck the northern regions of the state. Cairns and Mareeba were reported as the worst affected areas, with some 40,000 homes in Cairns without electricity and water supplies rationed in both areas. Reuters reported that some two-thirds of Queensland was under water, while New South Wales, Northern Territory, and South Australia were also experiencing flooding of various degrees. Costs to the sugar cane industry are estimated at \$63 million USD, while thousands of sheep have reportedly drowned in parts of Queensland and New South Wales.

COLOMBIA (flood)

Media sources noted that 8 people have died as a result of rains and associated flooding that has occurred since mid-February. The provinces of Tolima, Santander and Valle are reportedly the worst affected regions.

ETHIOPIA (drought, fire)

Fires reportedly set by farmers trying to smoke out bees and other insects have blazed out of control, in part due to the drought persisting in the region. The AP reported that fires in the Bale region have destroyed some 40,000 hectares of virgin and natural coffee forests. 57,000 hectares in the Borena have also reportedly been destroyed. The fires in Ethiopia are also reportedly threatening several wildlife preserves and natural areas.

KENYA (drought)

The AP reported that according to a local Roman Catholic Priest, drought in the Turkana district had resulted in the death of some 5,000 cows, donkeys and camels.

MOROCCO (drought)

According to media reports, the Islamic Affairs Ministry of Morocco appealed for its citizens to pray for rain. Drought has reportedly left dams in the country at half the normal level.

SOUTHERN AFRICA (flood)

Various news and situation reports have reported that the flooding in Botswana, Mozambique, South Africa, Swaziland, and Zimbabwe, caused by seasonal rainfall and storm events occurring since the beginning of February, could affect more than 1 million people throughout the region. In Mozambique 800,000 are believed to have been severely affected by the floods. Although official assessments are ongoing, media sources have stated the number of fatalities in Mozambique could reach into the thousands. The most severely affected areas within Mozambique are reportedly the Limpopo and Save River valleys, and relief agencies are concerned about the possibility of cholera, malaria, and diarrhea outbreaks occurring as a result of the floods, as well as landslides moved and unearthed by flood waters. Botswana, South Africa, and Zimbabwe have reported a 150 fatalities and tens of thousands made homeless or severely affected.

UNITED STATES (storm)

Strong winds and rain reportedly caused some 570 car accidents in southern California last Wednesday.

March 17, 2000

ARGENTINA (flood)

Media sources reported last week that days of heavy rainfall caused flooding in northeastern Argentina. 6,000 people were reportedly made homeless by the floods, while seven fatalities occurred. Six provinces were reportedly affected, however Tucuman was believed the most affected. The other provinces include Jujuy, Santiago del Estero, Catamarca, Salta and La Rioja.

ETHIOPIA (fire, drought)

Fires, reportedly started by farmers, have been aided by an ongoing drought and dry conditions. According to Reuters forest fires have threatened wildlife preserves. In particular the Nechisar Game Park, where the Swayne's hartebeest, Burchell's zebra, Grant's gazelle and the greater kudu are potential threatened by the fires. Images of fires in Ethiopia are available in the March 13, 2000 report:

<http://www.osei.noaa.gov/SPBULL/MSG0741501.asc>

A collection of imagery and other drought related information is made available at

<http://www.cip.ogp.noaa.gov/monitor/2000>

FIRE

Various fires in Colombia, Venezuela, Ethiopia, Indonesia, and the south eastern United States in the reports of OSEI made available at: <http://www.osei.noaa.gov>

HORN OF AFRICA (drought)

As reported by the AP, drought affecting several countries in the eastern and Greater Horn of Africa has affected several million people and threatens with crop failures. The AP reported that drought conditions may be affecting as many as 8.1 million in Ethiopia, 2.4 million in Sudan, 2.7 in Kenya, 1.2 in Somalia, 700,000 in Uganda, and 545,000 in Eritrea.

MONGOLIA (severe winter)

As reported by OCHA, a severe winter in Mongolia has killed 1.4 million head of livestock. The number of affected persons dependent on these animals is estimated at 500,000.

SOUTHERN AFRICA (flood)

The IRIN and media sources reported that flooding affecting the region since early February have resulted in some 2.5 million people affected and at least 800 fatalities. Several humanitarian and relief agencies have expressed concern over health and sanitation issues. In Mozambique, the INGC reported that areas in the central and southern regions are at risk from landmines washed into populated or traveled areas. The provinces of Maputo, Gaza, Inhambane, Sofala, and Manica were reported as priority areas.

UNITED STATES (storm)

Storms and tornadoes over the weekend reportedly caused four deaths and resulted in damage to buildings in Texas, Alabama, and Georgia. A tornado affecting Houma, Louisiana on Tuesday reportedly left 34 people injured and two severely injured.

March 31, 2000

CYPRUS (drought)

KIBRIS reported that Cyprus is currently experiencing its worst drought in 27 years.

HORN OF AFRICA (drought)

According to media reports, the UN warned that between 12 and 16 million people in northeastern Africa are threatened by drought that has affected much of the region for nearly two years. The BBC reported that in the city of Gode, Ethiopia, 95% of the inhabitants' cattle have perished or been killed as a result of the drought.

MOROCCO (drought)

The North Africa Journal reported that drought has left the country's 60 some reservoirs at half the normal capacity. A substantial portion of the remaining water will reportedly be dedicated to irrigation. It was also reported that Moroccan Prime Minister, Abderahman Youssoufi, is believed to soon announce assistance measures for Moroccan farmers, following a FF100 million donation from France.

SOUTHERN AFRICA (flood)

USAID reported that the total number of people affected in southern Africa by the recent floods at some 4 million. Official fatality estimates were reported at 1,000.

SOUTH AFRICA (flood)

SAPA reported that damage caused by the February and March floods in South Africa is currently estimated at around R2.5 billion, but this amount is still expected to rise.

UNITED STATES (storms, tornadoes)

Heavy rains, winds, hail, and a half dozen tornadoes reportedly affected parts of the South East on Thursday. Minor injuries and utility outages were reported. Images of the storm are available in Thursday's Daily Report of the NOAA-NESDIS OSEI located at:
<http://www.osei.noaa.gov>

UNITED STATES (tornadoes)

Two tornadoes affecting Fort Worth Texas on Tuesday evening have left 5 people dead, 100 buildings destroyed, and another 1,000 damaged. Affected structures include high-rise buildings. Damage to Tarrant County is expected to exceed \$450 million USD. FBI agents were also reportedly looking through rubble to insure sensitive documents were not blown outside of their building.

April 04, 2000

AUSTRALIA (cyclone Tessi)

Cyclone Tessi affected parts of northern Queensland. In particular Townsville experienced a landslide that

caused damage to homes and other structures. 35,000 people in Queensland have been left without power as a result of the storm, and several roads around Townsville were also closed.

CENTRAL AMERICA (fire)

Fires, hotspots, and smoke were noted in parts of Central America. Images are available on the March 31, 2000 Daily Report of the NOAA-NESDIS Operational and Significant Imagery Group; located on the web at: <http://www.osei.noaa.gov>

MADAGASCAR (cyclone Hudah)

Passing over northeastern Madagascar late Sunday, tropical cyclone Hudah severely affected the city of Antalaha. According to various media reports, one person was injured while either no or two deaths were reported. Damage to houses, schools, phone service, and other infrastructure was reportedly widespread in Antalaha, as well as Andapa and Maroantsetra.

April 26, 2000

CHINA (drought)

The AP reported that drought affecting China's northern provinces of Henan and Shaanxi has significantly affected the winter wheat crop. Drought in Shandong has also affected crop production.

CENTRAL AMERICA (fire)

Fires and hotspots were noted in Central America. Images are available in the archives of the OSEI daily reports located at: <http://www.osei.noaa.gov>

HUNGARY (flood)

See Romania

INDIA (drought)

Media sources reported that severe drought is affecting the provinces of Gujarat and Rajasthan where some 50 million people are affected.

INDIA (heat wave)

Reuters reported that a heat wave is adversely affecting the many made homeless by last year's October cyclone. The lack of shelter and poor quality of temporary housing has reportedly made it difficult for people to escape the heat. Seven deaths have been reported in the region, and Reuters noted that local media stated farm labor had been particularly hard hit by the recent heat wave.

MADAGASCAR (cyclone Hudah)

Reuters reported that cyclone Hudah destroyed at least half of the county's vanilla crop.

ROMANIA (flood)

Heavy rainfall and snowmelt in early April caused flooding along the Danube and Tisza Rivers that left one person dead in Hungary and another 9 in Romania. OCHA also reported the following impacts in Romania:

- 431 homeless people,
- 497 stricken localities,
- 28 isolated localities,
- 4,185 damaged houses,
- 5,540 damaged householders,
- 2 localities without water supply,
- 93,294 hectares of flooded agricultural lands,
- 27 affected social - cultural buildings,
- 735 damaged bridges and footbridges,
- 2 damaged hydrotechnical works,
- 14.6 km damaged dams,

- 36 km affected national roads,
- 182 km affected country roads,
- 320 km affected local roads,
- 1,8 km damaged railway.

SOMALIA (drought, cholera)

The AP reported that parts of drought-affected southwestern Somalia were suffering from cholera outbreaks as water supplies became contaminated. 400 people have reportedly died of cholera in the last two weeks.

UNITED KINGDOM (flood)

The Free Press reported that last week's rainstorm and associated flooding in London may have caused damages totaling \$1 million USD.

UNITED STATES (tornado)

Tornadoes affected Shreveport, Louisiana on the 19th, injuring more than a dozen people and damaging twenty homes.

May 25, 2000

COLOMBIA (flood)

The AP reported that heavy rains and associated flooding and mudslides this past weekend resulted in 21 fatalities in the states of Putumayo, Pasto, and Santander.

FIRE

Fires and hotspots were noted in Florida. Images available in the May 24 Daily Report located at:

<http://www.osei.noaa.gov>

KENYA (drought)

Reuters reported that the Kenyan government announced a nationwide plan for electricity rationing and outages on Tuesday, as two years of drought have substantially reduced the country's water reservoirs. 70% of Kenya's electricity is reportedly produced from hydropower. The Kenyan President, Moi, also appealed on Thursday for international assistance for 23 million Kenyans who reportedly face food shortages related to the ongoing drought, but particularly the failure of the most recent rainy season.

June 02, 2000

BANGLADESH (flood)

Rain, hail, wind, and associated flooding resulted in 40 reported deaths last week. Various parts of the country were affected, and according to the AFP, officials reported that since rains had slackened, the flooding was receding. The AP reported that the rainfall caused the Manu and Dholai rivers to burst their banks thereby displacing 70,000 people.

FIRE

Fires and hotspots were noted over parts of the US, Mexico, Central America, Kazakhstan, and Central Russia. Imagery made available in the several of this week's Daily Reports of the OSEI group archived at:

<http://www.osei.noaa.gov>

Additional resources available at:

<http://www.ruf.uni-freiburg.de/fireglobe/current/globalfire.htm>

JAPAN (hail)

The AP reported that golf-ball sized hail, which fell for over an hour in Chiba and Ibaraki prefectures last Weds., resulted in 100 injured people and damaged some 4,000 homes.

UNITED STATES (tornadoes)

The AP reported that storms and tornadoes on Saturday resulted in one injury and six related traffic accidents. Several areas were temporarily left without power as late as Sunday.

UNITED STATES (wind, storm)

Thunderstorms, a reported tornado, and associated wind and rain affected parts of Minnesota and Wisconsin on Thursday. Rivers reportedly over-flowed their banks and several homes were destroyed in southeastern Wisconsin. Flooding along the Pecatonica River also shut down a highway bridge.

June 15, 2000

ARGENTINA (snow storm)

A snowstorm in the Andes reportedly stranded some three hundred trucks along highways. Resorts expected a rise in the number of skiers with the newly fallen snow.

CHILE (storm)

According to the AP 75% of the streets in the capital city were submerged after several days of heavy rainfall. Central and southern parts of the country were also affected by the floods, and some 60,000 people have been reportedly displaced. Santiago and Valparaiso were declared disaster zones.

CHINA (heatwave)

The AP reported that an early summer heat wave affecting Beijing has resulted in brownouts and, combined with ongoing dry conditions, could possibly cause water rationing in the city.

FIRE

Fires and hotspots were noted in Colorado, Texas, and Oklahoma. Images are available in the daily report of the NOAA Operational Significant Event Imagery group. The archive is located at: <http://www.osei.noaa>

INDIA (flood)

According to the AP, heavy monsoon rains triggered flooding in Assam and Arunachal Pradesh. 20 fatalities resulted and some 10,000 people have been marooned. 4,000 cattle were reportedly killed, and the flooding could possibly threaten the Kaziranga National Park,

MEXICO (flood, landslide)

Flooding and landslides in the southern state of Oaxaca have caused 120 deaths according to the Xinhua. The report stated that the landslides and fatalities primarily occurred in the Acatlan de Perez Figueroa municipality. According to COMTEX several weeks worth of rainfall in the Yucatan peninsula and in parts of central Mexico has caused flash flooding and landslides which have in turn resulted in 14 deaths in the states of Chiapas, Mexico, Tabasco, Veracruz and Zacatecas.

NEW ZEALAND (winter storm)

A winter storm affecting Canterbury reportedly cut power to certain areas and damaged rooftops of some homes.

June 22, 2000

CHINA (flood)

The AP reported that storms over the Fujian province resulted in flooding this past Saturday. Most damage occurred in Quanzhou City where thirty-three deaths and ten injuries were reported.

FIRE

Fires and hotspots were noted in parts of Brazil by the Daily Report of the Operational and Significant Imagery Group. The reports and images are archived at: <http://www.osei.noaa.gov>

MEXICO (landslides)

Rain associated with tropical cyclone Carlotta caused mudslides in the some of the southern states of Mexico. 6 to 8 deaths have been reported.

NICARAGUA (flood)

The AP reported that heavy rains and associated flooding along the south Atlantic coast of the country caused the Escondido River to overflow and affect Rama city, Some 5,500 people have reportedly been displaced.

PAKISTAN (drought, heatwave)

The Hindustan Times reported that drought and a heatwave claimed 24 lives in the Punjab province of Pakistan.

TANZANIA (drought)

PANA reported that drought affecting Tanzania, in particular the eastern, north-eastern and central regions of Arusha, Mara, Morogoro, Tanga, Kilimanjaro, Tabora, Singida, Shinyanga and Dodoma., has left 1 million people possibly experiencing acute food shortages.

UNITED STATES (flood)

The AP reported that flooding in early June has caused at least \$543,000 worth of damage to parks and other Department of Natural Resources facilities in southeastern Minnesota.

July 05, 2000

BOTSWANA (drought)

PANA reported that according to Botswana president Festus Mogae, flooding and quelea birds have caused an 8 percent grain deficit in the country. Heavy rainfall in February of 2000 reportedly flooded much farmland and damaged crops.

CROATIA (fire)

See Romania

ETHIOPIA (flood)

The Monitor reported that floods in Nazareth town, just outside of Addis Ababa, reportedly washed away a bus last Thursday, thereby killing some 60 people. Several others were injured.

IRAN (drought)

The AFP reported that protests broke out in the town of Abadan over a lack of drinking water caused by recent heat waves and drought.

PHILIPPINES (typhoon)

Several media sources reported that Typhoon Edeng has caused flooding in the northern reaches of the Philippines. Reports have noted between 5 and 11 deaths, several injured, and damage to property, including farmland.

ROMANIA (fire)

Several news sources reported that a heat wave affecting much of southeastern Europe was responsible for fires in Romania. Fires, also caused by the heat wave and drought, were affecting Croatia. Several villages and homes had been burned as a result.

July 13, 2000

GREECE (heat wave)

Media sources report that wildfires, caused by the on-going heat wave occurring in southeastern Europe,

continue on the resort island of Samos. Greece has suffered hundreds of fires as a result of the heat wave during the past week, and Samos has suffered most drastically as one-fifth of the island has been burned. Images of the fires and hotspots are available in the 07.12.00 Daily Report of the Operational and Significant Event Imagery Group made available at <http://www.osei.noaa.gov>

INDIA (storms)

Media sources report that days of torrential rains caused a septic tank to flood and then burst, leading to an avalanche of rocks, mud and sewage onto the eastern Bombay suburb of Ghatkopar. The avalanche buried more than 200 hovels, killing at least 58 people with somewhere between 30 and 40 people still missing. Bombay reportedly received nearly 14 inches of rain in a 24-hour period, with forecasts of further heavy rains and strong winds to come. India's western state of Maharashtra has suffered from a week of heavy rains, which have resulted in the deaths of at least 80 individuals.

PHILIPPINES (typhoon)

News reports indicate that at least 137 people have died as a result of the rain-induced garbage slide in Manila. The collapse of garbage onto more than 200 shanties occurred three days ago, and more than 150 individuals are still believed to be buried beneath the garbage. Rain has continued to fall causing the region where search teams are focusing their efforts to become flooded, thus hampering rescue efforts and increasing the threat of infection. As well, more rain is expected to fall in the area as weather forecasters have reported a new storm, locally known as Gloring, located 250 miles east-southeast of Manila and heading toward the island of Luzon.

THAILAND (flood)

News reports indicate that a 60;thousand-year rain⁶¹; on Tuesday evening caused flooding in Udon Thani. The local meteorological office recorded a provincial record high, 174.5mm or 10.8 inches, of rain in the region on Tuesday night. The flooding was worsened by overflow from two reservoirs, and more rain is forecasted for the immediate future. As a result of the flooding streets remain submerged, schools closed, flights on Thai International Airways were cancelled Wednesday, and two deaths have resulted. In Chiang Rai the floods have also affected approximately 1,000 rai of farmland within the districts of Phan, Mae Lao, Muang and Khuntan. Other regions that have been warned about future flooding include: Loei, Udon Thani, Nakhon Phnom, Sakhon Nakhon, Kalasin, Maha Sarakham, Roi-et, Surin, Buri Ram, Si Sa Ket, Yasothorn, Amnat Charoen and Ubon Ratchathani.

TURKEY (heat wave)

The AP reported that as a result of the heat wave occurring in southeastern Europe the Turkish government declared holidays for state offices on Thursday and Friday. The order came following a request by the Health Ministry for offices to be closed from 11am to 4pm - the hottest portion of the day. The heat wave has been responsible for the deaths of at least 12 individuals

July 20, 2000

CAMBODIA (flood)

Xinhua reported that nine Cambodian provinces have been affected by flooding over the past few days. Unseasonably heavy rains associated with a storm blowing in from the Indian Ocean have destroyed approximately one hundred hectares of rice farms. The affected provinces include Takeo, Siemreap, Kampong Cham, Udon Meanchey, Kratie, Koh Kong, Kampot, Kampong speu and Kandal.

CANADA (storm)

Media sources report that winds up to 60mph were reported during a severe storm that resulted in flooded roads and homes in Guelph, Ontario Monday. Substantial damage to homes occurred, but no injuries were reported.

UNITED STATES (heatwave)

Several media sources report that the heatwave blanketing the southern United States is responsible for at least 12 deaths in Texas, 10 in Alabama, and an additional 7 are being investigated as heat-related in

Louisiana. Arizona, New Mexico, Oklahoma, Arkansas, Mississippi and Kansas are also suffering from the 100+ temperatures that have lasted for more than a week. An emergency health alert has been announced for the Dallas-Fort Worth region, and water restrictions have been implemented in 120 cities and towns throughout Texas due to drought conditions.

July 28, 2000

ETHIOPIA (rain)

PANA reported that according to a government press report on Thursday heavy rains in Northwestern Ethiopia have prevented drought relief food from reaching approximately 96,000 people in Janamora and Yeda Woredas of the north Gondar Zone. According to the Amharic language daily, Addis Zemen, 30 freight trucks have been stuck in thick mud on the highway since Saturday. These 30 trucks are blocking an additional 65 trucks, preventing completion of their route as well.

THAILAND (flood)

The AP reported that according to Thailand's Ministry of Health report on Thursday floods in the northern regions of Thailand have aided the spread of rat urine disease – leptospirosis - which has killed 70 people this year. The Ministry's statement also said that 1,639 individuals have been infected by leptospirosis, which is transmitted through rat urine, during the first half of this year. In addition, the statement pointed out that the Northeast provinces, which are exposed to the most flooding, have the highest rates of infection.

UGANDA (drought)

The Xinhua reported that 30 of 45 districts in Uganda have been affected by drought thereby resulting in food situations. Top officials visited the districts of Moroto and Kotido on Wednesday to access the famine situation following press reports that 115 Ugandans had died of starvation in that region.

UNITED STATES (tornado)

Various media sources reported that one person died and 15 others were injured following the tornado that struck Granite Falls, Minnesota on Tuesday evening. The St. Paul Pioneer Press reported on Friday that 40 homes were destroyed and 300 others damaged, as the tornado left 8.1 million dollars in damages to homes and other properties. Debris from the tornado was so heavy that snowplows were used initially to clear the roads for rescue workers.

August 04, 2000

BRAZIL (mudslides)

The Associated Press reported that 9 more bodies were found, bringing the death toll of those who died in Monday's mudslides to 56. In addition, nearly 145,000 individuals have fled from their homes in Alagoas and Pernambuco, seeking shelter.

CAMEROON (floods)

The BBC reported that according to TV and radio broadcasts in Cameroon, the nation's economic capital, Douala, has been hit by severe flooding. The floods have reportedly affected one-third of the homes in Douala, and resulted after 3 days of intense rains. The floods have caused many people to abandon their homes, and also caused the bridge linking Douala to the capital city of Yaounde to break.

INDIA (floods)

Reuters reported that 26 people died, and more than a million are homeless as a result of severe flooding in the Northeastern state of Assam. The flooding has affected more than 2,000 villages and resulted after 48 hours of heavy rain caused the Brahmaputra River and its tributaries to overflow. Weather Department officials have warned of further rains.

NEPAL (floods)

The Xinhua reported that 8 people are dead following floods and landslides triggered by 2 days of torrential rains that fell over various areas of Nepal. 10,000 individuals are homeless, and damage to roads, bridges, houses and other infrastructure have resulted. The Xinhua reported that according to the Katmandu Post, property losses of at least 200,000 U.S. dollars and the deaths of 100's of livestock have resulted.

RUSSIA (floods)

Reuters reported that individuals and families scrambled to rooftops to escape river waters in more than 100 villages in the far eastern Maritime region. Rainfall caused rivers to swell causing more than 2,000 homes to be inundated with water and 100's of families to be evacuated. Damage estimates up to 200 million rubles (\$7 million U.S.) have been reported as 100's of kilometers of roads were washed out, dozens of bridges damaged and numerous power stations stopped working.

August 11, 2000

ARMENIA (drought)

The Itar-Tass reported on Wednesday that according to the Agricultural Minister drought has killed most crops and caused tremendous damage estimated at 40 million dollars U.S. Seventy percent of grain, as well as fodder crops, vegetables, watermelons, melons and gourds, potatoes and 172,000 hectares of pastures have reportedly been destroyed as a result of dry weather and lack of rain. The drought reportedly began in mid-June and has lasted until August.

CAMBODIA (flood)

OCHA reported that 11 of 19 provinces have been affected by flooding as a result of heavy rains and storms. The affected provinces are Stung Treng, Kratie, Kompong Cham, Koh Kong, Kompong Thom, Siem Reap, Oudor Meanchey, Prey Veng, Takeo, Svay Rieng and Kandal. The Municipality of Phnom Penh has also been affected. According to the Cambodian Government as of August 8th 15 people had died, 5,629 had been evacuated and 45,214 families or 183,191 people had been affected. In addition, 53,531 hectares of rice and subsidiary crop fields have reportedly been flooded, while 63,354 hectares of crop fields have been destroyed.

CHINA (drought)

The Xinhua reported on Wednesday that the severe drought in China's northeastern province of Jilin is the worst seen in the history of the region, and has resulted in cuts to grain output by 5 billion kg. According to the provincial vice governor 3.265 million hectares of crops have been affected with 976,000 hectares of farmland producing nothing, resulting in 6.59 billion yuan in direct economic losses. According to an investigation the amount of farmland affected by the drought accounts for 74% of the province's total farmland.

CHINA (flood)

The Xinhua reported that 203 individuals have died in parts of the Shaanxi Province in northwest China as a result of floods, landslides and mudslides. The six heavy rains that have hit the region since the onset of this year's flood season have caused a total economic loss of 1.43 billion yuan, or 172 million dollars U.S. According to local flood control officials 203 people have died, 20,000 houses have collapsed, 4,000 hectares of farmland have been destroyed and 18,000 people have been left homeless in the 8 cities or counties that have received the heaviest rains since mid-July.

CHINA (typhoon)

Media sources reported that according to the Zhejiang Provincial Flood Control and Drought Relief Headquarters typhoon Jelawat hit China's eastern port of Ningbo Thursday at 7:30pm local time (11:30GMT). The typhoon packed winds of up to 90mph and has caused traffic problems in China's largest city of Shanghai. Airports and shipping ports were closed on Thursday in Ningbo, and the shipping routes from the Shanghai Port have also been forced to close. In addition, 7 flights have been re-routed from

Pudong International Airport to Hongqiao International Airport. Images are made available in the Daily Report of the Operational and Significant Event Imagery (OSEI) Group at: <http://www.osei.noaa.gov>

CUBA (drought)

EFE via COMTEX reported on Wednesday that according to officials the drought in the eastern Cuban province of Guantanamo has intensified causing authorities to declare a state of emergency. Authorities reported that the drought has worsened in recent months as the region received only 23mm of rain (0.9in) during July. Local reservoirs and dams have reportedly been depleted to 5 million cubic metres (176 million cubic feet) of water, out of a total capacity of 17 million cubic metres (599 million cubic feet). By late July only half of the average rainfall for the first seven months of the year had fallen in the region between Guantanamo's southern semi-desert coasts and the SaguaMoa-Baracoa mountain range.

ETHIOPIA (flood)

The BBC reported that according to local officials approximately 5,000 inhabitants have been stranded for nearly 3 days as a result of flooding. The Awash River overflowed its banks inundating 6 communities in the Dubti district in Ethiopia's Afar region. Local administration had built a 7metre embankment to prevent flooding, but following the record high water levels of nearly 9metres, flooding resulted. A full week of extraordinarily heavy rain preceded the flooding, and 500 hectares of cotton fields were reportedly damaged.

INDIA (landslide)

Reuters reported that a string of landslides left 36 dead and more than 50 missing in the Himalayan foothills of northern India on Friday. The landslides followed monsoon flooding that has been affecting north and northeastern India as well as Nepal, Bhutan and Bangladesh.

IRAN (flood)

Reuters reported on Wednesday that floods caused by torrential rains have left at least 10 dead in northeastern Iran this week. According to the Kayhan daily seven individuals died in 2 villages in Samalqan, in the Northern Khorasan province. Three brothers also died as they attempted to rescue their sheep from a flooded barn. The unseasonal rain occurred in the midst of a severe drought, managing to damage farms and destroy crops in Khorasan.

NEPAL (flood)

OCHA reported that according to the Ministry of Home Affairs floods and landslides have hit most districts of the country. As of August 8th 98 people have reportedly died, 13 are missing, 65 injured, 6,448 families have been affected, and 948 houses have been completely destroyed, while 759 houses have been partially destroyed.

UNITED STATES (fire)

Media sources have reported that in this worst fire season in 50 years more than 4.3 million acres have already burned. In Montana the public has been barred from the western Montana forests – an area slightly larger than New Hampshire – and fire fighters from Canada, New Zealand and Australia are en route to help in the Bitterroot fires. Nearly 1,000 individuals have left their homes in Montana and authorities report that more than 50 residences have burned. Images are made available in the Daily Report of the Operational and Significant Event Imagery (OSEI) Group at: <http://www.osei.noaa.gov>

UZBEKISTAN (drought)

OCHA reported that drought has caused the failure of most rice crops, as only half of the lands selected for rice could be cultivated. In addition, there are inadequate water supplies for the winter wheat crop and in some areas water for domestic use is unavailable. Cotton, the country's main cultivation crop has also suffered as a result of the drought.

August 17, 2000

KENYA (drought)

The Xinhua reported on Tuesday that according to the Daily Nation newspaper more than 6,000 farmers have invaded parts of the Kenyan national reserve Mount Kenya Forest due to severe drought. The Daily Nation reported that an estimated 10,000 acres deep in the forest had been cultivated, threatening enormous environmental degradation to the region, which is a leading water catchment area. Severe and prolonged drought has dried up crops and pastures in much of east Africa, and 3 million people are reportedly at risk of starvation in Kenya.

KENYA (flood)

The Nation reported on Wednesday that flash floods in the Bahati Division, Nakuru District drowned 6 sheep and 10 chickens as well as destroying several houses. The floods reportedly swept down the Arahuka and Mutukanio hills and opened a 10 metre deep crevice along a 4km stretch in the Kirima area. Maize crops in the low-lying plantations were flattened, while hailstones reportedly shredded maize leaves in the higher areas. According to a meteorologist, Nakuru received 13.4 millimetres of rain on Monday.

NEPAL (landslide)

The AP reported that according to officials, workers had to dodge mudslides on Wednesday to clear mud and stones blocking more than 650 feet of the Prithvi Highway 50 miles west of Katmandu. The highway reportedly links Katmandu with the rest of Nepal and became blocked on Friday after heavy rains triggered landslides. According to the Home Minister more than 110 have died, 11 are still missing and the homes of 8,600 families have been damaged or destroyed in past few weeks as a result of floods and landslides triggered by monsoon rains.

UGANDA (drought)

The Xinhua reported that The Monitor daily reported on Tuesday that more than 2,000 Ugandans in the northeast region, which is suffering from persisting drought, crossed into Kenya in search of food.

UNITED STATES (fires)

Reuters reported that Montana's governor has declared his state a disaster area, and that according to officials 86 wildfires continue to burn across 13 western states. A reported 2,900 U.S. regular military, National Guard and Reserve Troops are reinforcing the 20,000 firefighters battling the blazes. A spokesman for the National Interagency Fire Centre, in Boise Idaho reported that more than 1 million acres are burning across the country, which is more than double the 10-year average. So far this year a reported 4.98 million acres have burned.

August 25, 2000

BULGARIA (fire)

The BBC reported Friday that a state of emergency has been declared in 2 southern districts as nearly 70 wildfires have reportedly broken out in the past 24 hours. The fires are reportedly a result of an on-going heat wave and high winds.

CHINA (typhoon)

Various media sources reported that according to the Beijing Morning Post the tornado triggered by typhoon Bilis that hit villages near the city of Yueqing in the eastern China province Zhejiang on Wednesday morning damaged 612 buildings and destroyed more than 50 homes. In addition, the Post reported that 16 serious injuries and 31 slight injuries occurred, with an estimated damage figure of 443,000 dollars. Bilis reportedly dropped 220mm (8.7 inches) of rain on the coastal Fujian province. On Thursday officials reported that damage estimates for the coastal city of Fuzhou were 500 million yuan, or 69 million U.S. dollars, as 845 homes were destroyed, more than 4,500 trees were uprooted and power to many parts of the city was disrupted. Images are made available in the Daily Report of the Operational and Significant Event Imagery (OSEI) Group at: <http://www.osei.noaa.gov>

CROATIA (fire)

The Xinhua reported that according to the Croatian Interior Minister (CIM) a loss of 150 million kuna, or 17.75 million dollars U.S., has occurred as a result of the hundreds of fires that have occurred this year. According to the CIM high temperatures and drought are responsible for the fires, and they are reportedly continuing to spread as a result of bad weather.

GREECE (fire)

Various media sources reported that officials have declared a state of emergency for the southern Arcadia province as more than 80 wildfires burn out of control in Greece. Heat and high winds are reportedly responsible for fires that killed 2 people Thursday near the northern village of Aghia Marina, and 5 more individuals, in 3 other villages, on Friday. The blaze responsible for these deaths reportedly originated in Albania and had a front approximately 25 metres long. In addition, the fires in Arcadia have reportedly been burning for 5 days, and are threatening a hydroelectric plant as well as destroying thousands of hectares of forest and farmland, and engulfing numerous homes.

INDIA (flood)

Various media sources reported that according to the Press Trust of India the death toll resulting from heavy rains and flash flooding has increased to 130 individuals as further reports of rain-related incidents pour in from around the state of Andhra Pradesh. The twin cities of Hyderabad and Secunderabad reportedly received 24cm of rain Wednesday – the highest amount in 46 years. The most affected districts are reportedly Hyderabad, Guntur, Medak, Nalgonda, Kurnool, Rangareddy, Warangal, Prakasam, Krishna and Cudappah, and destruction of crops and flooding of the Vijayawada-Madras Highway have reportedly occurred.

TAIWAN (typhoon)

The BBC reported Friday that 5 individuals remain missing following typhoon Bilis' arrival on Tuesday night. According to officials Taiwan's agricultural sector has suffered more than 4bn Taiwan dollars, and the figure could rise. In addition, the Agricultural Council reported that some 98,000 acres of rice paddies and orchards have been flooded. Images are made available in the Daily Report of the Operational and Significant Event Imagery (OSEI) Group at: <http://www.osei.noaa.gov>

THAILAND (storm)

The Bangkok Post reported on Friday that flash floods resulting from depression Kaemi hit several northeastern provinces yesterday. Surin was reportedly badly hit, with several of its areas inundated with floodwaters, and two villagers swept away by currents - their bodies have not been found. Heavy rains reportedly occurred over Tha Tum, Chom Phra, Samrong Thap, Sikhoraphum, Sangkha and Muang districts, and many evacuations occurred. In Ubon Ratchathani, 8 districts were reportedly inundated, many roads became impassable and hundred's of rai of farmland were submerged. In the Warin Chamrap district 4 homes were reportedly swept away, while 10 other homes and 2 temples were damaged. According to a report by the Local Administration Department's Civil Defense Division flooding killed 2 people in the Trat province, while a total of 19,632 lives were affected and 8,932 rai of farmland and 8,160 rai of fruit orchards were ruined. The initial damage estimate for this province was reportedly 179,355,460 baht. In Trang 855 people were reportedly affected, schools were closed, and thousands of rai of rubber plantations were damaged. In Nakhon Ratchasima 40,000 rai of agricultural areas were reportedly damaged. Kaemi will now reportedly enter the province of Maha Sarakham, and according to the Northeastern Meteorological Centre flooding will occur in 10 more provinces. Flash floods have reportedly been predicted in Mukdahan, Amnat, Charoen, Yasothorn, Roi-Et, Kalasin, Maha Sarakham, Buri Ram, Surin, Si Sa Ket and Ubon Ratchathani. A total of 41,219 people in 6 coastal provinces have reportedly been affected by flash floods over the past 7 days.

UNITED STATES (fire)

Various media sources reported that 14 fatalities, most involving aircrafts used in firefighting efforts, have occurred as a result of the wildfires in the west. According to a forestry official the government has already spent more than 400 million dollars fighting the wildfires this year. In addition, according to the BBC the Pentagon reportedly said that approximately 1,000 extra troops will be sent to Bitterroot and Kootenai National Forests in Montana. A battalion of 500 marines will reportedly also join the firefighting efforts in

the Kootenai Forests. Images are made available in the Daily Report of the Operational and Significant Event Imagery (OSEI) Group at: <http://www.osei.noaa.gov>

VIETNAM (storm)

The Xinhua reported that according to a Vietnam News Agency on Friday, a whirlwind that occurred on Thursday hit My Tho city and Go Cong town in Vietnam's Mekong Delta province of Tien Giang. One hundred people were reportedly injured and 1,126 homes were ruined. Another whirlwind on Thursday reportedly injured 3 people and damaged 100 homes in the town of Rach Gia in the southern province of Kien Giang. Total loss estimates for this area were reportedly estimated at 500 million Vietnamese dong, or 35,700 U.S. dollars. Whirlwinds reportedly also affected the Thanh Phuoc commune in the Binh Dai district of the Mekong Delta province of Ben Tre, the Phuoc Hai commune and the southern province of Ba Ria-Vung Tau. In addition, a tornado reportedly injured 4 and caused 26 houses to collapse on the Khanh Binh Tay commune in the Tran Van Thoi district located in the southernmost province of Ca Mau on Thursday.

September 01, 2000

AFGHANISTAN (drought)

The AP reported that approximately 3,000 individuals arrived in the western city of Herat over the past 2 days as they fled from Afghanistan's worst drought since 1971. According to the UN Food Agency the total number of displaced people is close to 10,000. The drought has also reportedly caused problems in the north country where more than 4,500 individuals left their mountainous homes in the Balkh province because their water supply has bottomed out. The drought has hit most of southern and western Afghanistan, and killed entire herds while negatively impacting nomadic tribes. According to OCHA the provinces of Herat, Farah, Badghis (west), Kandahar, Helmand, Zabul, Nimroz, Urozgan (south-west), Paktia, Paktia, Khost, Ghazni (south), Baghlan, Kunduz, Takhar and Badakhshan (north-east) have been the most severely hit.

BANGLADESH (flood)

Various media sources reported that an unusually high tide submerged Sandwip Island just off the Chittagong coast in southeast Bangladesh on Wednesday. At least 2,000 mud and bamboo huts were reportedly flooded, and nearly 12,000 individuals - mainly fishermen - rushed to cyclone shelters. Another 10,000 individuals from Cox's Bazar reportedly took shelter as well. According to officials the tide also inundated parts of Hutiya, Urirchar, Maheshkhali and several smaller islands. In addition, according to the meteorological office, the unusually high tide occurred when a depression over the Bay of Bengal caused the sea to rise, submerging the island under 6 feet of water for nearly 3 hours. One boy drowned, and 10 people were reported injured after a mudslide occurred, while 150 fishermen are missing and feared dead as they were caught at sea in heavy storms. According to the Hindustan Times 3 bodies were found on the coast near the town of Teknaf late Thursday. The Chief Administrative officer at Sandwip Island reportedly told Reuters on Thursday that two-thirds of the 250sq km island is still under water with 1000's of families marooned. According to the latest estimate by the CPC - run by the Bangladesh Red Crescent Society - at least 2,000 houses and 10,000 acres of crops were damaged on Sandwip Island. In addition, local officials reported that floods washed away more than 100 shrimp farms in Cox's Bazar and nearby Maheshkhali Island.

CHINA (typhoon)

The Xinhua reported that at least four are dead and more than 80 injured following typhoon Prapiroon's arrival in the northern part of the Jiangsu Province. Preliminary statistics show that heavy flooding resulted as 363,933 hectares of farmland were submerged, and 7,538 houses were destroyed. Rainstorms occurred for 24 hours, and Xiangshui County reportedly received 821mm of precipitation, a record in the history of Jiangsu. More than 13,800 individuals from Xiangshui County were reportedly evacuated, and rainfall in the Huangpu district and Chongming County were reported as 85mm and 79mm respectively.

IRAN (drought)

According to the BBC a rescue effort is begin staged to transport 2,000 flamingo chicks, who are stranded because of the drought at what was once the second largest lake in Iran, Lake Bakhtegan, to a nearby lake. Local environmentalists estimate that 3,000 chicks that were too young or too weak to migrate may have already died. Lake Bakhetgan once covered 50,000 hectares, but due to regional drought only a few stagnant pools of water remain. Iran is reportedly suffering from its worst drought in 30 years. Wildlife refuges have reportedly been destroyed, lakes and rivers have dried up and large regions of pasture and farmland have been reduced to dust. In addition, an estimated 800,000 livestock have reportedly died already and half of Iran's population of 62 million is suffering from a shortage of drinking water.

PAKISTAN (drought)

OCHA reported that the provinces of Balochistan and Sindh have been severely affected by drought this year as they continue to suffer from below normal rainfall since 1998, and an unusually dry spell since November 1999. The drought has reportedly resulted in significant losses of livestock and crops as well as deterioration in health and sanitary conditions. The monsoon rains of July and August in Sindh reportedly covered the entire arid region of the province, and are believed to help improve the situation. In Balochistan the rains reportedly hit only the eastern part of the province with inadequate and scattered precipitation. An estimated 1.5 million people in Balochistan are reportedly suffering in the grip of the drought, two million heads of livestock have died – affecting the pastoral economy of the province - and the rain-fed wheat crop failed almost entirely, while the yields of irrigated wheat decreased substantially.

SOUTH KOREA (storm)

The AP reported that according to government officials tropical storm Prapiroon, which had weakened from a typhoon, hit South Korea with gale-force winds reaching up to 68mph early Friday. At least 4 people are reported dead, and another 21 missing. The storm also sank two boats and downed many power lines. According to officials, nearly 8,000 homes in Seoul were without electricity overnight, and a dike in the south ruptured, flooding residential areas and farmland while leaving approximately 300 individuals homeless.

UNITED STATES (fire)

The AP reported that since late July wildfires have burned 716,000 acres in Montana alone, costing 142 million dollars. According to President Clinton a total of 590 million dollars have been spent on emergency funding to fight this year's blazes which have become one of the worst fire seasons in the nation's history.

UZBEKISTAN (drought)

OCHA reported that the on-going drought is having a devastating impact on crops and livestock, while also causing a rapid deterioration to health and sanitary conditions. The Republic of Karakalpakstan is reported as one of the most affected regions.

September 08, 2000

AFGHANISTAN (drought)

The WFP reported that displacement from the province of Ghor towards Herat city continues as a result of the severe drought.

GEORGIA (drought)

The FAO reported that agricultural production has decreased significantly as a result of the drought, causing a food crisis. Cereal production for the year 2000 is down, and estimated to only reach 326,000 tonnes – a 58% decrease from 1999. Six regions - Kakheti, Mtskheta Mtianeti, Kvemo Kartli, Shida Kartli, Samtskhe-Javakheti and Imereti, have been the most affected by the decreased agricultural yields which have affected all crops including potatoes, fodder crops, fruits, vegetables and grapes.

INDIA (drought)

The Times of India News Service reported Friday that insufficient rains in a majority of the districts of the state of Rajasthan could cause another drought situation. The state reportedly received only 11mm of rain

between August 1st and August 16th. State hydrology officials reported that up to 18 districts received very low rainfall - 60% less than normal. The situation is concerning because many of the districts, Ajmer, Barmer, Bhilwara, Bundi, Chittorgarh, Churu, Hanumangarh, Jaisalmer, Jalore, Jodhpur, Nagaur, Pali, Rajsamand, Sikar, Sirohi, Sriganganagar, Tonk and Udaipur are facing their second consecutive year of drought.

INDIA (flood)

Various media sources reported that the states of Assam, Bihar and West Bengal continue to be severely affected by floods that have already claimed 300 lives in these three states alone. Details are provided by state below:

Assam - more than 3,400 villages in 16 districts flooded, affecting 3 million people

- approximately 200,000 hectares of crops damaged

- facing a major encephalitis epidemic that has already taken 34 lives

Bihar - 2.5 million homeless

- more than 800,000 hectares of farmland waterlogged, destroying crops

West Bengal - approximately 125,000 people affected in 4 districts

- landslides caused by heavy rains causing severe damage, blocking roads and cutting off entire communities

The southern state of Andhra Pradesh has also suffered from severe flooding, and a total of 162 individuals died in that state last month. In addition 23 deaths occurred in early September as a result of flooding in the northern state of Uttar Pradesh, and 140 died last month as a result of flash floods in the northern state of Himachal Pradesh.

NIGERIA (flood)

The BBC reported Friday that floods caused by heavier than expected rains have caused crops to be destroyed, and left thousands of individuals homeless in the northwestern state of Zamfara. More than 10,000 hectares of farmland were reportedly flooded, threatening the rice harvest, and houses in the capital of Gusau, and the adjacent towns were worst affected.

NORTH KOREA (storm)

The AP reported that according to a UN official, severe flooding and high winds caused by a tropical storm that hit Korea's eastern coast for 27 hours beginning the night of August 31st has left 42 dead and caused extensive damage to crops. The deaths occurred when rivers in the northeastern province of South Hamgyong burst their banks. Road and rail connections were disrupted on the east coast, and the region's major city, Chongjin, was reportedly flooded with up to 3 feet of water in some sections.

TAJIKISTAN (drought)

The Xinhua reported that according to an international humanitarian agency, the severe drought affecting Tajikistan will cost the country an estimated 57 million US dollars. In addition, the WFP reported that the severe water shortage in Khujand and Khorog has resulted in affected individuals using water from irrigation canals, drains and rivers for drinking purposes.
